

Title (en)

Exhaust after-treatment system for the reduction of pollutants from diesel engine exhaust and related method

Title (de)

Abgasnachbehandlungssystem zur Minderung der Schadstoffe aus Dieselmotorabgas und damit verbundenes Verfahren

Title (fr)

Système de post-traitement d'échappement pour la réduction de polluants d'échappement de moteur diesel et procédé associé

Publication

**EP 2078832 A3 20090722 (EN)**

Application

**EP 08003513 A 20030724**

Priority

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- US 39847302 P 20020725
- US 45404603 P 20030312

Abstract (en)

[origin: EP2078832A2] Exhaust after-treatment system for the reduction of particulate, NOX, HC, CO, VOCs, nano-particle count and sulfur dioxide from diesel exhaust. System employs diesel oxidation catalyst (10), exhaust cooling system (50,70,80), particulate converter (100), soot collection chamber (170), soot processing drum (200), EGR and water scrubber.

IPC 8 full level

**F01N 1/00** (2006.01); **F01N 1/08** (2006.01); **B01D 45/08** (2006.01); **B01D 46/42** (2006.01); **B01D 50/00** (2006.01); **B01D 53/94** (2006.01); **B03C 3/15** (2006.01); **B04C 3/00** (2006.01); **F01N 1/12** (2006.01); **F01N 3/00** (2006.01); **F01N 3/01** (2006.01); **F01N 3/02** (2006.01); **F01N 3/021** (2006.01); **F01N 3/023** (2006.01); **F01N 3/035** (2006.01); **F01N 3/037** (2006.01); **F01N 3/04** (2006.01); **F01N 3/05** (2006.01); **F01N 3/10** (2006.01); **F01N 3/24** (2006.01); **F02M 25/07** (2006.01); **F01N 9/00** (2006.01); **F01N 13/02** (2010.01); **F02B 3/06** (2006.01)

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Citation (search report)

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